IN THE CLAIMS:

Please amend the claims as follows:

Claims 1 to 24 (Cancelled)

25. (New) A method, including:

identifying data to be transferred;

dividing said data into zones;

calculating zone checksum values for said zones;

calculating chunk checksum values responsive to plural of said zone checksum

values;

transferring one or more pointers to said data from a source to a destination; and

transfterring one or more pointers to said chunk checksum values from said source

to said destination.

26. (New) A method as in claim 25, wherein said chunk checksum values

correspond to chunks that include plural of said zones.

27. (New) A method as in claim 26, wherein one or more of said chunks include

one or more partial zones.

28. (New) A method as in claim 27, further including calculating partial zone checksum values for said partial zones.

29. (New) A method as in claim 28, wherein calculating a chunk checksum value for any of said chunks that include one or more partial zones is responsive to one or more of said partial zone checksum values.

30. (New) A method as in claim 29, wherein said zone checksum values and said partial zone checksum values are stored in a checksum array.

31. (New) A method as in claim 25, wherein said steps of transferring are to or from a Network Interface Card (NIC).

32. (New) Apparatus including a memory including:

data to be transferred, said data divided into zones;

zone checksum values calculated for said zones;

chunk checksum values responsive to plural of said zone checksum values;

one or more transferable pointers to said data; and

one or more transferable pointers to said chunk checksum values.

33. (New) Apparatus as in claim 32, wherein said chunk checksum values correspond to chunks that include plural of said zones.

34. (New) Apparatus as in claim 33, wherein one or more of said chunks include one or more partial zones.

35. (New) Apparatus as in claim 34, wherein said memory further includes partial zone checksum values calculated for said partial zones.

36. (New) Apparatus as in claim 35, wherein a chunk checksum value calculated for any of said chunks that include one or more partial zones is responsive to one or more of said partial zone checksum values.

37. (New) Apparatus as in claim 36, wherein said zone checksum values and said partial zone checksum values are stored in a checksum array.

38. (New) Apparatus as in claim 32, wherein said memory is in communication with a Network Interface Card (NIC) to or from which said data can be transferred.